

Title (en)

MEDICAL IMAGE DIAGNOSTIC DEVICE AND MEDICAL IMAGE GENERATION METHOD

Title (de)

DIAGNOSEVORRICHTUNG FÜR MEDIZINISCHE BILDER UND MEDIZINISCHES BILDERZEUGUNGSVERFAHREN

Title (fr)

DISPOSITIF DE DIAGNOSTIC D'IMAGE MÉDICALE ET PROCÉDÉ DE GÉNÉRATION D'IMAGE MÉDICALE

Publication

**EP 2915489 A4 20160706 (EN)**

Application

**EP 13850266 A 20131025**

Priority

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- JP 2013079005 W 20131025

Abstract (en)

[origin: EP2915489A1] To provide a medical image processing apparatus which can construct high-contrast medical images in which noise can be removed while signals in a region of attention can be enhanced. The present invention is a medical image processing apparatus which acquires medical image data on a diagnosing object, the apparatus including: a signal enhancement processing part which performs a signal enhancement process on the medical image data; a noise removal part which performs a noise removal process on the medical image data; a first signal compression processing part which compresses the medical image data on which the signal enhancement process and the noise removal process have been performed; a second signal compression processing part which compresses the medical image data; and a synthesis processing part which synthesizes the medical image data having been compressed in the first signal compression processing part and the medical image data having been compressed in the second signal compression processing part.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [X] EP 2047801 A1 20090415 - HITACHI MEDICAL CORP [JP]
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- [A] JP 2002085405 A 20020326 - TOSHIBA CORP
- See also references of WO 2014069374A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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